

**APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

Date of filing in State Engineer's Office JUL 27 1987

Returned to applicant for correction OCT 5 1987

Corrected application filed _____

Map filed _____

The applicant BRADY HOT SPRINGS GEOTHERMAL ASSOCIATES

1755 East Plumb Lane, Suite 265A, of Reno,
Street and No. or P.O. Box No. City or Town

Nevada 89502, hereby make application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Partners - HYDRA-CO Enterprises EG&G

Hydro, Inc.

1. The source of the proposed appropriation is Brady geothermal reservoir
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is five second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet 2.467

3. The water to be used for geothermal power production
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated _____

(b) Stockwater, state number and kinds of animals to be watered _____

(c) Other use (describe fully under "No. 12. Remarks") _____

(d) Power:

(1) Horsepower developed six megawatts (average net)

(2) Point of return of water to stream geothermal injection wells

5. The water is to be diverted from its source at the following point Township 22 North, Range 26 East,
Describe as being within a 40-acre subdivision of public

Section 12, NW $\frac{1}{4}$ NE $\frac{1}{4}$, Well 51-12P, N75°03'07" West, 465.73'
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

6. Place of use T 22 N, R 26 E, Section 12, NE $\frac{1}{4}$ and Section 1, S $\frac{1}{2}$ SE $\frac{1}{4}$
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about January 1 and end about December 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Geothermal well to be drilled in accordance
State manner in which water is to be diverted, i.e. diversion structure, ditches and
with attached plans and piped to geothermal power plant
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works Well \$250,000, project \$15 million

10. Estimated time required to construct works.....Well drilling 1 month Power plant construction
If well completed, describe works.
10 months
11. Estimated time required to complete the application of water to beneficial use.....2 years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.
Power plant will require 2500 gpm average, 2700 gpm maximum. Supply will be
from two to three wells. Consumptive use estimated at less than 20%. This
application, when approved, may replace the authorization for well MGI-4
(permit number 49943).

By s/illegible (agent)
1755 East Plumb Lane, Suite 265A
Reno, NV 89502

Compared bc/jk

Protested.....

.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed on or before.....

Application of water to beneficial use shall be made on or before.....

Proof of the application of water to beneficial use shall be filed on or before.....

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No.....Issued.....

IN TESTIMONY WHEREOF, I.....
State Engineer of Nevada, have hereunto set my hand and the seal of my
office, this.....day of.....
A.D. 19.....

State Engineer